

JOURNAL OF Neurobiology

Author Index to Volume 51

- Abbas, L.: see Naeem, A.
 Abbott, L. C.: see Nahm, S.-S.
 Aigaki, T.: see Umekiya, T.
 Arnold, A. P.: see Grisham, W.
- Bhattacharyya, A., Watson, F. L., Pomeroy, S. L., Zhang, Y. Z., Stiles, C. D., and Segal, R. A.: High-Resolution Imaging Demonstrates Dynein-Based Vesicular Transport of Activated Trk Receptors, 302
 Bhopale, V.: see Thom, S. R.
 Boulianne, G. L.: see Stewart, B. A.
 Buerk, D. G.: see Thom, S. R.
- Carlson, J. R.: see Park, S.-K.
 Chen, S.: see Gil, O. D.
 Chung, W. C. J.: see Quadros, P. S.
 Clayton, N. S.: see Pravosudov, V. V.
- de Bruyne, M.: see Park, S.-K.
 Deitcher, D. L.: see Stewart, B. A.
 DeVoogd, T. J.: see Shiflett, M. W.
 De Vries, G. J.: see Quadros, P. S.
 D'Mello, S.: see Park, S.-K.
 Dubin, A. E.: see Park, S.-K.
- Eisel, U.: see Jelitai, M.
- Ferguson, S. C. D. and McFarlane, S.: GABA and Development of the *Xenopus* Optic Projection, 272
 Fisher, D.: see Thom, S. R.
 Forger, N. G.: see Peroulakis, M. E.
 Fowler, C. D., Liu, Y., Ouimet, C., and Wang, Z.: The Effects of Social Environment on Adult Neurogenesis in the Female Prairie Vole, 115
 Franz, M. and Goller, F.: Respiratory Units of Motor Production and Song Imitation in the Zebra Finch, 129
- Gil, O. D., Zhang, L., Chen, S., Ren, Y. Q., Pimenta, A., Zanazzi, G., Hillman, D., Levitt, P., and Salzer, J. L.: Complementary Expression and Heterophilic Interactions between IgLON Family Members Neurotrimin and LAMP, 190
 Goldberg, J. H.: see Hirase, H.
 Goldman, B.: see Peroulakis, M. E.
 Goller, F.: see Franz, M.
 Gould, K. L.: see Shiflett, M. W.
 Grisham, W., Lee, J., McCormick, M. E., Yang-Stayner, K., and Arnold, A. P.: Antiandrogen Blocks Estrogen-Induced Masculinization of the Song System in Female Zebra Finches, 1
 Grumet, M.: see Jacob, J.
 Gurwell, J. A.: see Snow, D. M.
 Guthrie, S.: see Naeem, A.
- Harris, G. L.: see Park, S.-K.
 Haspel, J.: see Jacob, J.
 Heaton, M. B., Madorsky, I., Paiva, M., and Mayer, J.: Influence of Ethanol on Neonatal Cerebellum of BDNF Gene-Deleted Animals: Analyses of Effects on Purkinje Cells, Apoptosis-Related Proteins, and Endogenous Antioxidants, 160
 Heinrich, J. E., Singh, T. D., Sohrabji, F., Nordeen, K. W., and Nordeen, E. J.: Developmental and Hormonal Regulation of NR2A mRNA in Forebrain Regions Controlling Avian Vocal Learning, 149
 Hesla, M. A.: see Tekumalla, P. K.
 Hill, D. L.: see Sollars, S. I.
 Hillman, D.: see Gil, O. D.
 Hirase, H., Nikolenko, V., Goldberg, J. H., and Yuste, R.: Multiphoton Stimulation of Neurons, 237
 Huang, P. L.: see Thom, S. R.
- Jacob, J., Haspel, J., Kane-Goldsmith, N., and Grumet, M.: L1 Mediated Homophilic Binding and Neurite Outgrowth Are Modulated by Alternative Splicing of Exon 2, 177
 Jelitai, M., Schlett, K., Varju, P., Eisel, U., and Madarász, E.: Regulated Appearance of NMDA Receptor Subunits and Channel Functions during *In Vitro* Neuronal Differentiation, 54
- Kane-Goldsmith, N.: see Jacob, J.
 Kim, J. R.: see Tekumalla, P. K.
 Koganezawa, M. and Shimada, I.: Inositol 1,4,5-Trisphosphate Transduction Cascade in Taste Reception of the Flesh-fly, *Boettcherisca peregrina*, 66
- Lavenex, P.: see Pravosudov, V. V.
 Lee, J.: see Grisham, W.
 Lesuisse, C. and Martin, L. J.: Long-Term Culture of Mouse Cortical Neurons as a Model for Neuronal Development, Aging, and Death, 9
 Letourneau, P. C.: see Pond, A.
 Levitt, P.: see Gil, O. D.
 Liu, Y.: see Fowler, C. D.
 Lopez, V.: see Quadros, P. S.

- Madarász, E.: see Jelitai, M.
 Madorsky, I.: see Heaton, M. B.
 Manevich, Y.: see Thom, S. R.
 Martin, L. J.: see Lesuisse, C.
 Mayer, J.: see Heaton, M. B.
 McCormick, M. E.: see Grisham, W.
 McFarlane, S.: see Ferguson, S. C. D.
 Mohtashami, M.: see Stewart, B. A.
- Naeem, A., Abbas, L., and Guthrie, S.: Comparison of the Effects of HGF, BDNF, CT-1, CNTF, and the Branchial Arches on the Growth of Embryonic Cranial Motor Neurons, 101
 Nahm, S.-S., Tomlinson, D. J., and Abbott, L. C.: Decreased Calretinin Expression in Cerebellar Granule Cells in the Leaner Mouse, 313
 Nikolenko, V.: see Hirase, H.
 Nordeen, E. J.: see Heinrich, J. E.
 Nordeen, K. W.: see Heinrich, J. E.
 Nose, A.: see Umekiya, T.
- Ouimet, C.: see Fowler, C. D.
- Paiva, M.: see Heaton, M. B.
 Park, S.-K., Shanbhag, S. R., Dubin, A. E., de Bruyne, M., Wang, Q., Yu, P., Shimon, N., D'Mello, S., Carlson, J. R., Harris, G. L., Steinbrecht, R. A., and Pikielny, C. W.: Inactivation of Olfactory Sensilla of a Single Morphological Type Differentially Affects the Response of *Drosophila* to Odors, 248
 Peroulakis, M. E., Goldman, B., and Forger, N. G.: Perineal Muscles and Motoneurons Are Sexually Monomorphic in the Naked Mole-Rat (*Heterocephalus glaber*), 33
 Pikielny, C. W.: see Park, S.-K.
 Pimenta, A.: see Gil, O. D.
 Pomeroy, S. L.: see Bhattacharyya, A.
 Pond, A., Roche, F. K., and Letourneau, P. C.: Temporal Regulation of Neuropilin-1 Expression and Sensitivity to Semaphorin 3A in NGF- and NT3-Responsive Chick Sensory Neurons, 43
 Pravosudov, V. V., Lavenex, P., and Clayton, N. S.: Changes in Spatial Memory Mediated by Experimental Variation in Food Supply Do Not Affect Hippocampal Anatomy in Mountain Chickadees (*Parus gambeli*), 142
- Quadros, P. S., Lopez, V., De Vries, G. J., Chung, W. C. J., and Wagner, C. K.: Progesterone Receptors and the Sexual Differentiation of the Medial Preoptic Nucleus, 24
- Ren, Y. Q.: see Gil, O. D.
 Rivlin, P.: see Stewart, B. A.
 Roche, F. K.: see Pond, A.
- Salzer, J. L.: see Gil, O. D.
 Schlett, K.: see Jelitai, M.
 Segal, R. A.: see Bhattacharyya, A.
 Shanbhag, S. R.: see Park, S.-K.
- Shiflett, M. W., Gould, K. L., Smulders, T. V., and DeVoogd, T. J.: Septum Volume and Food-Storing Behavior Are Related in Parids, 215
 Shimada, I.: see Koganezawa, M.
 Shimon, N.: see Park, S.-K.
 Singh, T. D.: see Heinrich, J. E.
 Smith, J. D.: see Snow, D. M.
 Smith, P. C.: see Sollars, S. I.
 Smulders, T. V.: see Shiflett, M. W.
 Snow, D. M., Smith, J. D., and Gurwell, J. A.: Binding Characteristics of Chondroitin Sulfate Proteoglycans and Laminin-1, and Correlative Neurite Outgrowth Behaviors in a Standard Tissue Culture Choice Assay, 285
 Sohrabji, F.: see Heinrich, J. E.
 Sollars, S. I., Smith, P. C., and Hill, D. L.: Time Course of Morphological Alterations of Fungiform Papillae and Taste Buds Following Chorda Tympani Transection in Neonatal Rats, 223
 Steinbrecht, R. A.: see Park, S.-K.
 Stewart, B. A., Mohtashami, M., Rivlin, P., Deitcher, D. L., Trimble, W. S., and Boulianne, G. L.: Fast Track. Dominant-Negative NSF2 Disrupts the Structure and Function of *Drosophila* Neuromuscular Synapses, 261
 Stiles, C. D.: see Bhattacharyya, A.
- Takasu, E.: see Umekiya, T.
 Takeichi, M.: see Umekiya, T.
 Tekumalla, P. K., Tontono, M., Hesla, M. A., and Kim, J. R.: Effects of Excess Thyroid Hormone on Cell Death, Cell Proliferation, and New Neuron Incorporation in the Adult Zebra Finch Telencephalon, 323
 Thom, S. R., Bhople, V., Fisher, D., Manevich, Y., Huang, P. L., and Buerk, D. G.: Stimulation of Nitric Oxide Synthase in Cerebral Cortex Due to Elevated Partial Pressures of Oxygen: An Oxidative Stress Response, 85
 Tomlinson, D. J.: see Nahm, S.-S.
 Tontono, M.: see Tekumalla, P. K.
 Trimble, W. S.: see Stewart, B. A.
- Umekiya, T., Takasu, E., Takeichi, M., Aigaki, T., and Nose, A.: Forked End: A Novel Transmembrane Protein Involved in Neuromuscular Specificity in *Drosophila* Identified by Gain-of-Function Screening, 205
- Varju, P.: see Jelitai, M.
- Wagner, C. K.: see Quadros, P. S.
 Wang, Q.: see Park, S.-K.
 Wang, Z.: see Fowler, C. D.
 Watson, F. L.: see Bhattacharyya, A.
- Yang-Stayner, K.: see Grisham, W.
 Yu, P.: see Park, S.-K.
 Yuste, R.: see Hirase, H.
- Zanazzi, G.: see Gil, O. D.
 Zhang, L.: see Gil, O. D.
 Zhang, Y. Z.: see Bhattacharyya, A.

JOURNAL OF Neurobiology

Subject Index to Volume 51

- Action potential, 237
Adult neurogenesis, 323
Alzheimer's disease, 9
Amygdala, 115
Amyotrophic lateral sclerosis, 9
Antioxidant, 160
Apoptosis, 9, 160, 323
Axon growth, 101
Axon guidance, 205, 272
- BDNF, 160
Birdsong, 129
Branchial arches, 101
- Calcium channel mutation, 313
Calretinin, 313
Cell adhesion molecule, 177
Cell line, 54
Cerebellum, 160, 313
Cerebral blood flow, 85
Chickadee, 215
Circuits, 237
Cortex, 237
Cranial motor neurons, 101
CRASH, 177
- Development, 24, 190
Dorsal root ganglion neurons, 285
Drosophila, 205, 248
Dynein, 302
- Epithelium, 223
Estradiol, 1
Ethanol, 160
Exocytosis, 261
- Flutamide, 1
Fly, 66
Food storing, 215
Food-caching, 142
Forked end, 205
- G protein, 66
GABA, 272
Gain-of-function screening, 205
Geniculate ganglion, 223
Growth cone, 43, 272
Gustatory, 223
- Heat shock protein 90, 85
HGF, 101
High vocal center, 323
Hippocampal volume, 142
Hippocampus, 142, 215
³H-laminin, 285
Hyperbaric oxygen, 85
Hypothalamus, 115
- Imaging, 237
IP₃, 66
Isolation, 115
- L1, 177
LAMP, 190
Laser, 237
Laser capture microdissection, 313
Leaner mouse, 313
Limbic, 190
Lingual nerve, 223
- Mating, 115
MK801, 85
Motor constraints, 129
Mountain chickadee, 142
MPNc, 24
Mutant, 261
- Naked mole-rat, 33
Neural cell adhesion molecules, 190
Neurite outgrowth, 190
Neuromuscular connection, 205
Neuron number, 142
Neuronal development, 54
Neuropilin-1, 43
Neurotransmitter, 272
Neurotrophic factors, 101
Neurotrophin, 302
Neurotrophin, 190
NGF, 43
Nissl stain, 24
NMDA receptor, 9, 149
NR1 splice variants, 54
NR2 subunits, 54
NR2A, 149
NT3, 43
- Olfaction, 248
Olfactory behavior, 248
- Onuf's nucleus, 33
Outgrowth inhibition, 285
- Paridae, 215
Parkinson's disease, 9
Perineal muscles, 33
Progenitor, 54
Proliferation, 115
Proteoglycans, 285
- Regeneration, 223
Respiration, 129
Retinal ganglion cell, 272
Retrograde transport, 302
- ³⁵S-chondroitin sulfate, 285
Semaphorin 3A, 43
Sensilla, 248
Sensitive period, 149
Sensory-motor, 190
Septum, 215
Sex difference, 33
Sex differences, 24
Signal transduction, 302
Single hair recording, 248
SNARE, 261
Song behavior, 1
Song imitation, 129
Song learning, 149
Spatial memory, 142
Spinal nucleus of the bulbocavernosus, 33
Splicing, 177
Synaptic transmission, 261
Synucleins, 9
- Taste, 66
Testosterone, 149
Testosterone propionate, 24
Thyroid hormone, 323
Transduction, 66
Trk, 302
- Vesicle, 302
- X-linked hydrocephalus, 177
- Zebra finch, 129, 323
Zebra finches, 1